

## A new species of *Ceratoxanthis* RAZOWSKI from Spain (Lepidoptera, Tortricidae)

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### Summary

*Ceratoxanthis iberica* sp.n. is described from the Iberian Mountains (Spain). The species is closely related to its two congeners *C. argentomixtana* (STAUDINGER, 1870) from the lower Volga (southern Russia), Kazakhstan and northern Syria, and *C. externana* (EVERSMANN, 1844) from the Ural Mountains, the Caucasus and Turkestan.

### Résumé

Description de *Ceratoxanthis iberica* sp.n. des montagnes de la péninsule ibérique (Espagne). Cette espèce est très proche des deux autres espèces du même genre : *C. argentomixtana* (STAUDINGER, 1870) de la basse Volga (Russie méridionale), du Kazakhstan et de la Syrie septentrionale, et *C. externana* (EVERSMANN, 1844) de la chaîne de l'Oural, du Caucase et du Turkestan.

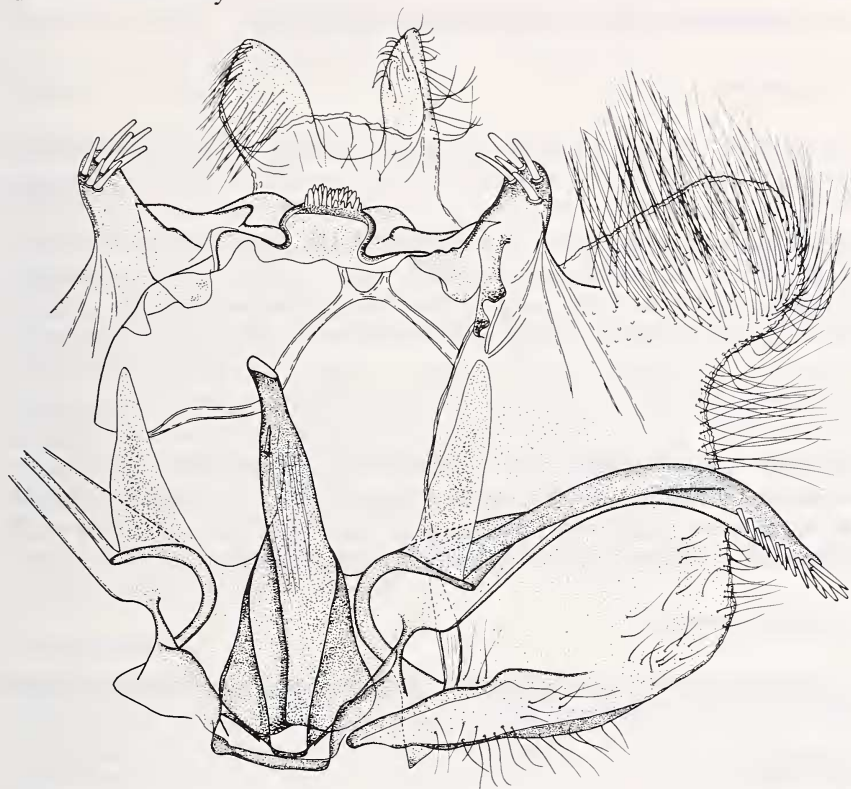
The genus *Ceratoxanthis* RAZOWSKI, 1960 included until now two species, *C. argentomixtana* (STAUDINGER, 1870) and *C. externana* (EVERSMANN, 1844); the taxonomy and systematic position of the genus have been reviewed and discussed by RAZOWSKI (1968, 1970 and 1987). The known distribution of the genus extends from eastern Europe to central and western Asia. The discovery of a new species belonging to this genus in Spain is therefore of importance from the biogeographical point of view. The distribution of this genus now extends to the Mediterranean zone, but a zoogeographical disjunction of the genus between the Iberian Peninsula and southwestern Asia is indicated.

### *Ceratoxanthis iberica* sp. n.

TYPE MATERIAL: Holotype, male: 'Guadalaviar, Teruel (Spain), 28-30.VI.1984, 1519 m', UTM 30TXK07, G.S. 556. Coll. Valencia University (Spain). Paratype: one male identically labelled but dated 4-

6-VII-84. G.S. 13114. Coll. Institute of Systematics and Experimental Zoology. P.A.S. Kraków (Poland).

DESCRIPTION : Alar expanse 20 mm. Both specimens damaged and worn, thus wing pattern uncertain. Ground colour seemingly ferruginous, yellowish. Labial palpus approximately twice as long as the diameter of the eye.



scale = 0,5 mm

Fig. 1. Male genitalia of *Ceratoxanthis iberica* sp.n., holotype. Spain, Teruel, Guadalaviar.

MALE GENITALIA (Fig. 1): Tegumen and socii typical of the genus, uncus in form of a dorsal process, not very conspicuous. Transtilla with lateral processes on the valva armed with 5-7 spines. Central part of transtilla strongly sclerotized, spined dorsally. Valva with a heavily sclerotized process extending from the base of sacculus and connected with lateral parts of juxta and caulis ; the process is longer than valva,

curved down and distally armed with strong spines. Sacculus curved upwards distally. Aedeagus simple, with a single spine-like cornutus. Juxta provided with two lateral processes.

FEMALE GENITALIA : Unknown.

BIOLOGY : Unknown.

DISTRIBUTION : Known from the type locality only.

### Comments

In spite of the geographical distance, *C. iberica* and the other two species of the genus, *C. argentomixtana* (STAUDINGER) and *C. externana* (EVERSMANN) are clearly very closely related. The tegumen, uncus, socii and aedeagus seem to be very similar in the three species. However, they differ in the basal process, distal margin of the valve, the sacculus, transtilla and juxta. The basal process in *C. iberica* is similar in shape to *C. argentomixtana*, but curved downwards, and is very much longer than in *C. externana*. The sacculus is straight in *C. iberica*, but clearly curved in the other two species. The distal margin of the valva is more sinuous in *C. iberica*. In spite of the existence of very clear cut diagnostic characters to distinguish the three species, the systematic position of *C. iberica* in relation to *C. argentomixtana* and *C. externana* is obscure since necessary data such as the wing pattern, female genitalia (only known in *C. externana*) and life history remain unknown.

### Acknowledgements

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### References

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